

Title (en)
COMPOSITIONS AND METHODS FOR PRODUCTION OF FERMENTABLE SUGARS

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR HERSTELLUNG FERMENTIERBARER ZUCKER

Title (fr)
COMPOSITIONS ET PROCÉDÉS DE PRODUCTION DE SUCRES FERMENTABLES

Publication
EP 2635690 A1 20130911 (EN)

Application
EP 11838704 A 20111101

Priority
• US 40948010 P 20101102
• US 40947210 P 20101102
• US 40921710 P 20101102
• US 40918610 P 20101102
• US 2011058842 W 20111101

Abstract (en)
[origin: US2012107881A1] The present application provides genetically modified fungal organisms that produce enzyme mixtures exhibiting enhanced hydrolysis of cellulosic material to glucose, enzyme mixtures produced by the genetically modified fungal organisms, and processes for producing glucose from cellulose using such enzyme mixtures.

IPC 8 full level
C12N 1/15 (2006.01); **C12N 1/22** (2006.01); **C12N 9/04** (2006.01); **C12N 9/42** (2006.01); **C12P 7/10** (2006.01); **C12P 19/02** (2006.01); **C12P 19/12** (2006.01); **C12P 19/14** (2006.01); **C13K 1/02** (2006.01)

CPC (source: EP US)
C12N 9/0006 (2013.01 - EP US); **C12N 9/2437** (2013.01 - EP US); **C12P 7/10** (2013.01 - EP US); **C12P 19/02** (2013.01 - EP US); **C12P 19/12** (2013.01 - EP US); **C12P 19/14** (2013.01 - EP US); **C12Y 101/99018** (2013.01 - EP US); **C13K 1/02** (2013.01 - EP US); **C12P 2203/00** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2012107881 A1 20120503; **US 8236551 B2 20120807**; BR 112013010812 A2 20160712; CA 2815430 A1 20120510; CA 2815430 C 20210511; CN 103189516 A 20130703; DK 2635690 T3 20160215; EP 2635690 A1 20130911; EP 2635690 A4 20131127; EP 2635690 B1 20160203; ES 2570382 T3 20160518; HU E028981 T2 20170228; US 2012270278 A1 20121025; US 2013344541 A1 20131226; US 8309328 B1 20121113; WO 2012061432 A1 20120510

DOCDB simple family (application)
US 201113286972 A 20111101; BR 112013010812 A 20111101; CA 2815430 A 20111101; CN 201180052762 A 20111101; DK 11838704 T 20111101; EP 11838704 A 20111101; ES 11838704 T 20111101; HU E11838704 A 20111101; US 2011058842 W 20111101; US 201113882658 A 20111101; US 201213539799 A 20120702